

REMARKS

In the Office Action the Examiner noted that claims 1-20 were pending in the application and the Examiner rejected all claims. By this Amendment, various claims have been amended. Thus, claims 1-20 are pending in the application. The Examiner's rejections are traversed below.

Rejection Under 35 U.S.C. § 112

Claim 8 has been amended in accordance with the Examiner's comments on page 2 of the Office Action. The language of claim 8 corresponds to the description provided from page 15, line 29 to page 16, line 17 of the specification. It is submitted that claim 8, as amended, meets the requirements of 35 U.S.C. § 112.

Rejection Under 35 U.S.C. §102

On pages 2-4 of the Office Action the Examiner maintained the rejection of claims 1, 4, 5 and 12 as anticipated by U.S. Patent 6,553,410 to Kikinis.

The Present Invention

The present invention, as set forth for example, in claim 1, is directed to a portable electronic viewer system. This system includes a portable server division, that can be hand-carried by a user, transmitting and receiving book-type contents having page-by-page information containing at least either images or characters. A portable viewer division, that can be carried by the user carrying said portable server division, displays the book-type contents transmitted from the portable server division page-by-page. The present invention seeks to provide in place of a notebook-type personal computer or a PDA, a portable electronic viewer system which can satisfy both the demand for portability and the demand for a large volume of contents. To meet this demand, the present invention provides a portable server and a portable viewer so that the storage function of the portable viewer division can be reduced and the portability and cost of the portable viewer division can be improved and reduced, respectively, as described at page 3, lines 31-35 of the specification.

Claim 1 has been amended to focus on an important feature of the present invention in which both the portable server division and the portable viewer division can be carried by one person, whereby the contents of the portable server division can be increased so that the contents of a paperback book, for example, can be stored in the portable server division and the person can view the book page by page by using the portable viewer division.

The amendments to claim 1, 4 and 5 are supported by the specification at page 9, lines 10-12 and lines 24-26.

U.S. Patent 6,553,410 to Kikinis

The Kikinis reference is directed to a system for improving data transmission to computers and computerized appliances connected directly or indirectly to the Internet or other wide area network. Software at a proxy server uses prestored characteristics of client devices to translate data from Internet sources into a reduced-content form adapted specifically from the client device. Unique functionality for the system includes templates provided for specifying web page to client translation and special scripts for prefetching pages in real time (see abstract).

The Examiner relies on Figure 2 of Kikinis which is a diagrammatical illustration of a handheld computer 13, a proxy server 19 and a web server 23. The proxy server 19 is described as a relatively sophisticated and powerful computer typical of computers used as web servers, and including a CPU 39, a memory 41, and a means of connecting to a network (column 6, lines 35-44). The proxy server 19 of Kikinis is not portable.

Claims 1, 4, 5 and 12 Patentably Distinguish Over the Prior Art

In contrast to the present invention, the Kikinis patent merely discloses a web server and a proxy server intended to minimize the amount of data to be transferred to a viewer. Although the amount of data transferred to the viewer is minimized, the concept of "page-by-page information" is not taught or suggested by Kikinis. In addition, the proxy server disclosed in Kikinis is not portable or handheld. Therefore, the system disclosed in Kikinis is quite different from that of the present claimed invention.

On page 2 of the current Office Action the Examiner takes the position that the disclosure in Kikinis of a proxy server that receives HTML means that Kikinis does relate to a document containing book-type contents having page-by-page information containing at least images or characters. That is, the Examiner takes the position that an HTML document by definition provides page-by-page information.

In addition, with respect to the previously argued distinction that the present claimed invention includes a portable server division and a portable viewer division, the Examiner takes the position on page 3 of the Office Action that the viewer division corresponds to the handheld computer 13 of Kikinis and the server division corresponds to the proxy server 19 of Kikinis. The Examiner does not make any assertion that the proxy server 19 is portable.

It is submitted that in sharp contrast to the present claimed invention, the proxy server 19 in Kikinis is not a portable server. In Kikinis the handheld computer 13 and the proxy server 19 are connected in the manner described at column 6, lines 2-6 of Kinkinis. However, the proxy server 19 in Kikinis is used as a web server to minimize the data to be transferred to the viewer. In Kikinis, there is no description or suggestion to use the proxy server 19 as a portable server that can be carried by the same person carrying the viewer. Therefore, it is submitted that the present claimed invention is much different from Kikinis, and it is further submitted that one of skill would not have been led to combine Kikinis with any of the other prior art to achieve the present claimed invention as set forth in claims 1, 4, 5 and 12.

Referring specifically to claim 1, it is submitted that Kikinis does not teach the claimed portable electronic viewer system which comprises:

- a portable server division, that can be hand-carried by a user, transmitting and receiving book-type contents having page-by-page information containing at least either images or characters;
- and

- a portable viewer division, that can be carried by the user carrying said portable server division, displaying said book-type contents transmitted from said portable server division page-by-page.

Therefore, it is submitted that claim 1 patentably distinguishes over the prior art.

Referring to claim 4, it is submitted that Kikinis does not teach or suggest the claimed "portable server division storing book-type contents containing at least either images or characters, and transmitting said book type contents to a portable viewer division wirelessly, said portable server division and said portable viewer division being capable of being carried by a single user." Therefore, it is submitted that claim 4 patentably distinguishes over the prior art.

Referring to claim 5, it is submitted that Kikinis does not teach or suggest the claimed "portable viewer division, that can be hand-carried by a user, for displaying book-type contents containing at least either images or characters which are sent wirelessly from a portable server division page-by-page, said portable server division and said portable viewer division being capable of being carried by the user" as set forth in claim 5. Therefore, it is submitted that claim 5 patentably distinguishes over the prior art.

Claim 12 depends from claim 1 and includes all of the features of that claim plus additional features which are not taught or suggested by Kikinis. Therefore, it is submitted that claim 12 patentably distinguishes over the prior art.

Rejections of Claims 2, 3, 6-11 and 13-20

On pages 4-14 of the Office Action the Examiner has rejected claims 2, 3, 6-11 and 13-20 under 35 U.S.C. § 103 as unpatentable over Kikinis in combination with one or more of U.S. Patent 6,311,279 to Nguyen, U.S. Patent 6,119,135 to Helfman, U.S. Patent 6,477,579 to Kunkel et al., U.S. Patent 6,601,108 to Marmor, U.S. Patent 6,728,785 to Jungck, and U.S. Patent 4,734,920 to Betts.

Claims 2, 3, 6-11 and 13-20 depend, directly or indirectly, from claim 1 and include all of the features of that claim plus additional features which are not taught or suggested by the prior art. Further, none of the additional references relied on by the Examiner teach or suggest the features of the present claimed invention as set forth in independent claims 1, 4 or 5. Therefore, it is submitted that claims 2, 3, 6-11 and 13-20 patentably distinguish over the prior art.

Entry of This Amendment

It is submitted that the claim amendments being submitted herewith are made for purposes of clarifying the features of the present invention and relate to arguments previously made by the applicants during prosecution. Therefore, it is respectfully requested that these claim amendments be entered in the application.

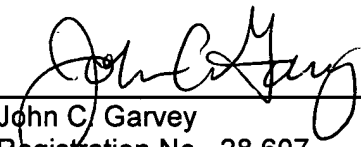
Summary

It is submitted that none of the references, either taken alone or in combination teach the present claimed invention. Thus, claims 1-20 are deemed to be in a condition suitable for allowance. Reconsideration of the claims and an early notice of allowance are earnestly solicited.

Respectfully submitted,

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